Bachelor of Science - Web & Information Systems - 120 Credits

		Fall Semester				Spring Semester	
Freshman	CS 100	Roadmap to Computing	3	CS 113	Introduction to Computer Science		3
	ENGL 101	English Composition: Introduction to Academic Writing	3	ENGL 102	English Composition: Introduction to Writing for Research		3
	IS 117	Introduction to Website Development	3	IS 247	Designing the User Experience		3
	MATH 138 or MATH 111	General Calculus I or Calculus I	3	IS 265	Intro to Information Systems		3
	Science I	PHYS/CHEM/BIOL or Rutgers	3	Science II			3
	FRSH SEM	Freshman Seminar	0	Science II Lab			1
	Credits:		15	Credits:			16
Sophomore	CS 114 or IT 114	Introduction to Computer Science II or Advanced Programming for Information Technology	3	Lower Humanities GER	Any 200-level course from COM, ENG, HIST, HUM, LIT, PHIL, STS, or THTR		3
	IS 218	Building Web Applications	3	IS 219	Advanced Website Development (Spring Only)		3
	IS 350	Computers, Society and Ethics	3	IS 344	Computing Applications in Business		3
	MATH 105	Elementary Probability and Statistics	3	IS 375	Discovering User Needs for UX		3
	General Elective 1		3	YWCC 207	Computing & Effective Communication		1
				General Elective 2			3
	Credits:		15	Credits:			16
Junior	IS 331	Database Design Management and Applications	3	IS 333	Social Network Analysis		3
	COM 312 or COM 313	Oral Presentations or Technical Writing	3	IS 322	Mobile Applications: Design Interface, Implementation (Spring Only)		3
	IS 390	Requirements Analysis and Systems Design	3	IS 373	Content Management Systems		3
	IS 448	Usability and Measuring the User Experience (Fall Only)	3	IS 392	Web Mining & Information Retrieval		3
	Upper Humanities GER	Any 300-level course from COM, ENG, HIST, HUM, LIT, PHIL, STS, or THTR	3	YWCC 307	Professional Development in Computing		1
				General Elective 3			3
	Credits:		15	Credits:			16
Senior	ENTR 410 or IE 492	New Venture Management or Engineering Management	3	IS 465	Advanced Information Systems		3
	Humanities Capstone	HSS 400-level	3	IS 491 or IT 491	Senior Project or IT Capstone Project		3
	IS 421	Advanced Web Applications (Fall Only)	3	General Elective 5			3
	IT 310	E-Commerce Technology	3	General Elective 6			3
	General Elective 4		3				
	Credits:		15	Credits:			12